

PATENT  
Docket No. 37960-000107/US

## IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Christian BARTELS  
Int'l Application No.: PCT/CH2003/000548  
Application No.: **NEW APPLICATION**  
Filed: February 11, 2005  
For: SAMPLING METHOD

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**INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)**

Customer Service Window  
Randolph Building  
401 Dulany Street  
Alexandria, VA 22314  
**Mail Stop PCT**

February 11, 2005

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- This application is a National Phase of a PCT application. All of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

- Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

**III. CONCISE EXPLANATION OF THE RELEVANCE**  
(check at least one box)

a.  **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b.  **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Many of the documents have been discussed in the PCT Search Report and/or throughout the specification. The PCT Search Report indicate the degree of relevance found by the PCT Office, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

c.  **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d.  **OTHER**

The following additional information is provided for the Examiner's consideration.

International Search Report.

10/524191

DT05 Rec'd PCT/PTO 11 FEB 2005

New PCT National Phase Application  
Docket No. 37960-000107/US

FEES

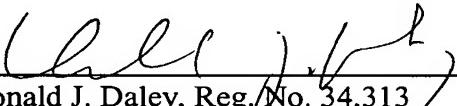
This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

By:   
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- Enclosures:
- Form PTO-1449(s)
  - Documents
  - Foreign Search Report

10/524191

DT05 Rec'd PCT/PTO 1 Sheet FEB 2005

Form PTO-1449  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)		ATTY DOCKET NO. 37960-000107/US	APPLICATION NO. NEW APPLICATION
		APPLICANT(S) Christian BARTELS	CONF. NO. Unknown
		FILING DATE February 11, 2005	GROUP Unknown

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	US 5 148 365 A	09/15/1992	DEMBO			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	Christian BARTELS et al., "Multidimensional Adaptive Umbrella Sampling: Applications to Main Chain and Side Chain Peptide Conformations", Journal of computational Chemistry, Vol. 18, No. 12, Pgs 1450-1462, 1997
	Christian BARTELS et al., "Determination of equilibrium properties of biomolecular systems using multidimensional adaptive umbrella sampling", Journal of Chemical Physics, Vol. 111, Num. 17, Pgs. 8048-8067, November 1, 1999
	Tim N. HEINZ et al., "Comparison of four methods to compute the dielectric permittivity of liquids from molecular dynamics simulations", Journal of chemical Physics, Vol. 115, Num. 3, Pgs. 1125-1136, July 15, 2001

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

DJD/smk